

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
14 October 2004 (14.10.2004)

PCT

(10) International Publication Number
WO 2004/086881 A1

(51) International Patent Classification⁷: **A23L 1/30**,
1/29, 1/10, A61P 3/10

(21) International Application Number:
PCT/IN2003/000123

(22) International Filing Date: 31 March 2003 (31.03.2003)

(25) Filing Language: English

(26) Publication Language: English

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): COUN-
CIL OF SCIENTIFIC AND INDUSTRIAL RE-
SEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): MALLESHI, Na-
gappa, Gurusiddappa [IN/IN]; Central Food and Tech-
nological Research Institute, Mysore, Karnataka 570 013
(IN). SINGH, Ushakumari, Rambahadur [IN/IN]; Cen-
tral Food Technological Research Institute, Mysore, Kar-
nataka 570 013 (IN). ALI, Syee, Zakiuddin [IN/IN]; Cen-
tral Food Technological Research Institute, Mysore, Kar-
nataka 570 013 (IN).

(74) Agent: BHOLA, Ravi; Kumaran & Sagar, 84-C, C6 Lane,
Off Central Avenue, Sainik Farms, New Delhi 110 062
(IN).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A PROCESS FOR PREPARATION OF HYPOGLYCEMIC FOODS AND FORMULATIONS THEREOF

(57) Abstract: A process for preparation of hypoglycemic foods and formulations thereof, useful as snacks, wholesome or supplementary foods, especially to the Type II diabetics, and a hypoglycemic foods and formulations product of composition with concentration of toasted cereals is ranging between 50-60%, concentration of toasted legumes is ranging between 6-12%, concentration of soy is ranging between 7-15%, concentration of fenugreek is ranging between 2-6%, concentration of spice mix is ranging between 3-7%, concentration of amla fruit pulp is ranging between 0.5-2%, concentration of *Garcinia combogia* rinds is ranging between 1.5 to 3%, concentration of dry skimmed milk is ranging between 3-6%, concentration of edible oil is ranging between 2-6%, and concentration of vitamin and mineral premix is ranging between 1-3%.

BEST AVAILABLE COPY

WO 2004/086881 A1